

DETTACK HERES

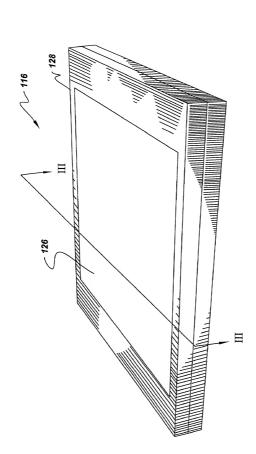
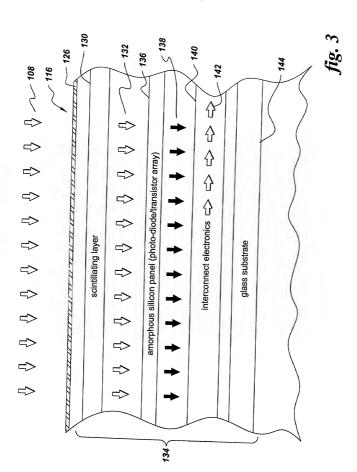


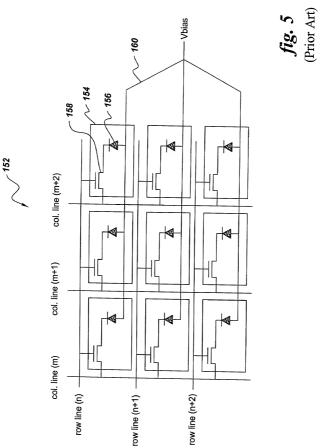
fig.~2 (PRIOR ART)

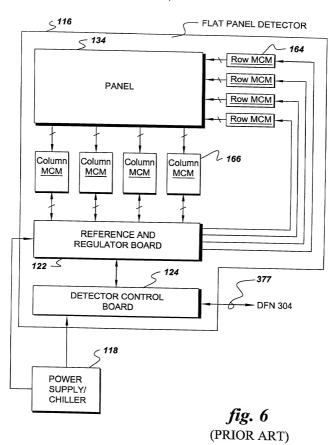


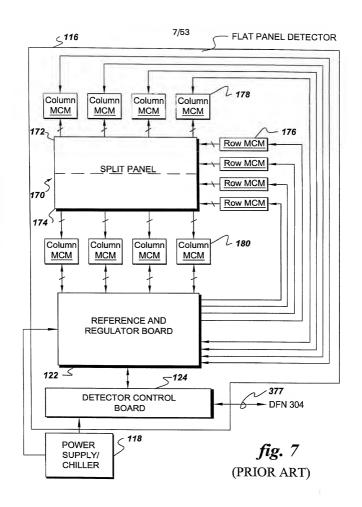
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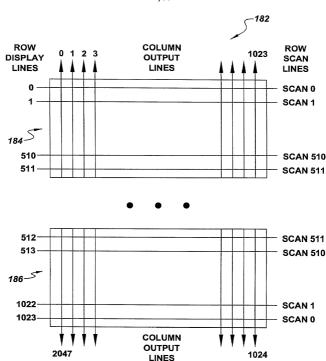
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fig. 4 (Prior Art)









CARDIAC/SURGICAL DIGITAL X-RAY PANEL

fig. 8 (PRIOR ART)

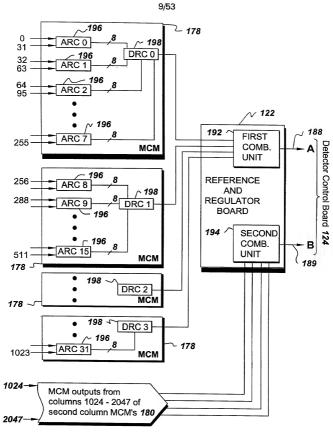
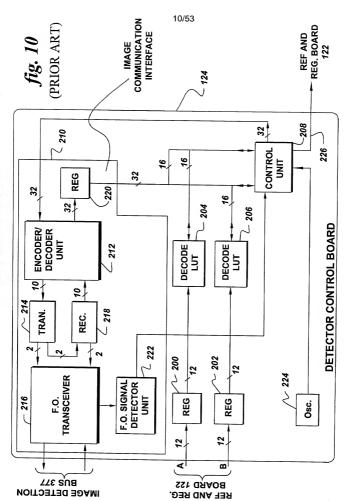
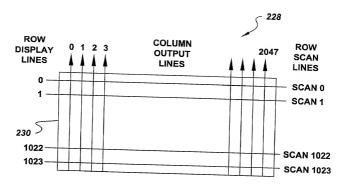
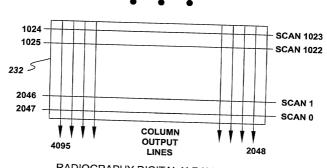


fig. 9 (PRIOR ART)

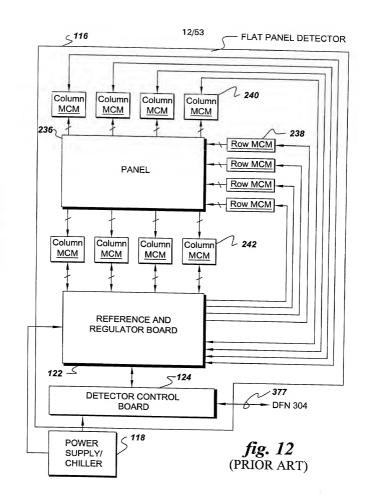


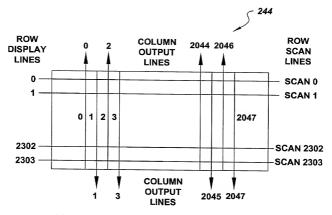




RADIOGRAPHY DIGITAL X-RAY PANEL

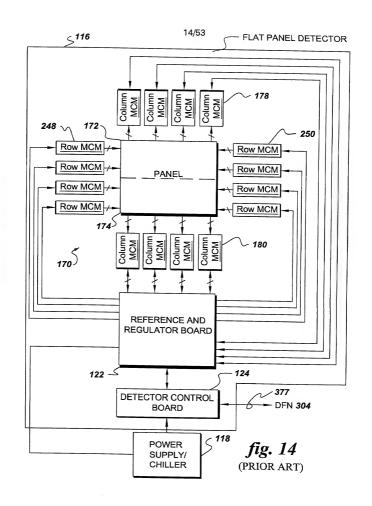
fig. 11 (PRIOR ART)

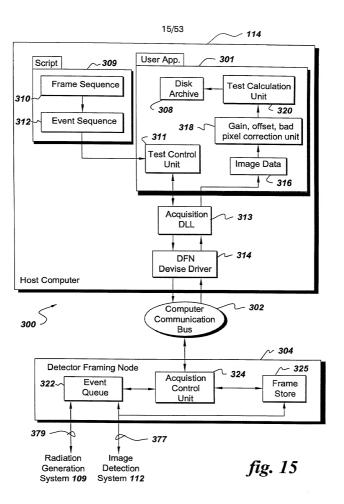


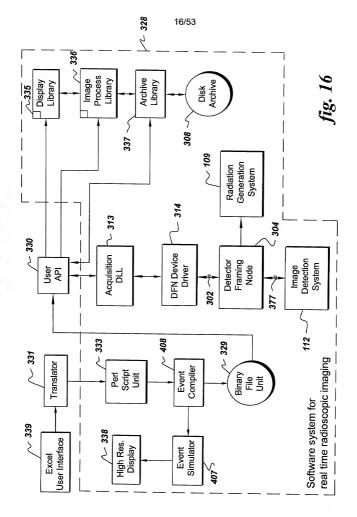


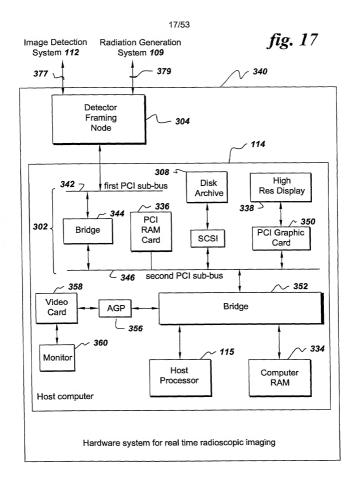
MAMMOGRAPHY DIGITAL X-RAY PANEL

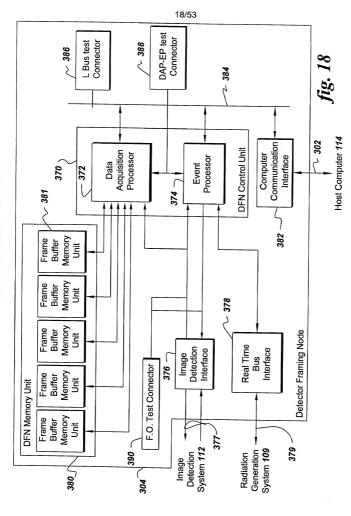
fig. 13 (PRIOR ART)











		(fm/sec)	(fm/sec) length		memory offset gbr	offset	gbr	ł
Panel Setup Single Frame Single Frame	Real Time Post Process Post Process	30	unlimited -	<5 frames Delay ∼.1 sec Delay ∼.2 sec	nost = =	one y y	>-	
Real Time Real Time Real Time	Real Time Real Time Real Time	я х. х	unlimited unlimited unlimited	<5 frames <5 frames <5 frames	host "	none y y	>	
						fig.	61	

Frames Stored host memory			44
image size	1024 X 1024	2048 X 2048	2304 X 2048
Modality	Cardiac	Rad	Mammo

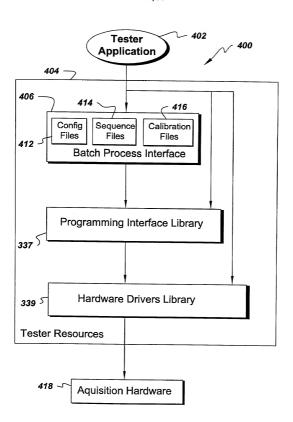
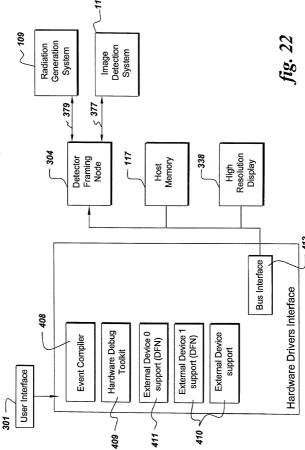


fig. 21



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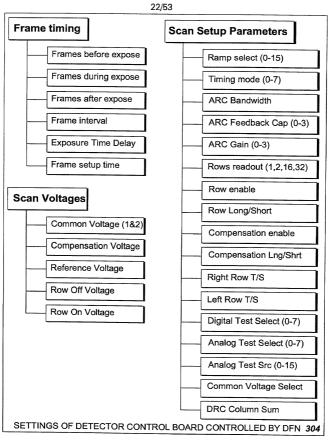


fig. 23

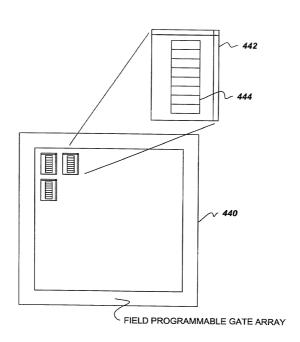
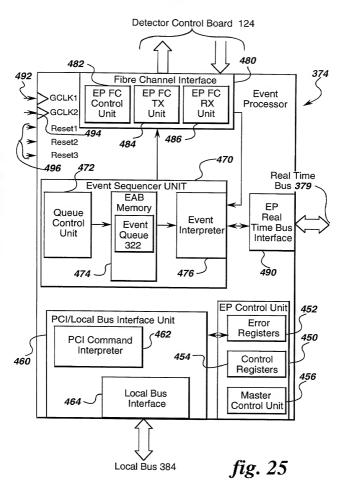
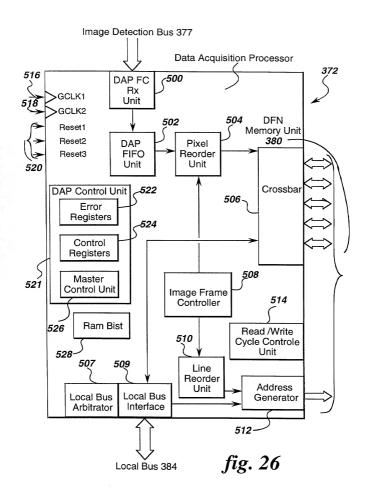


fig. 24





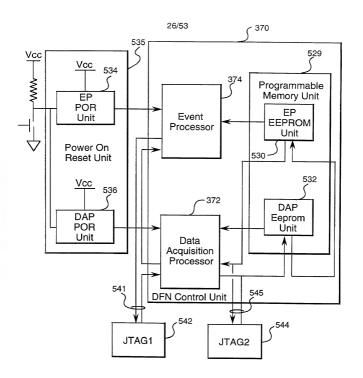
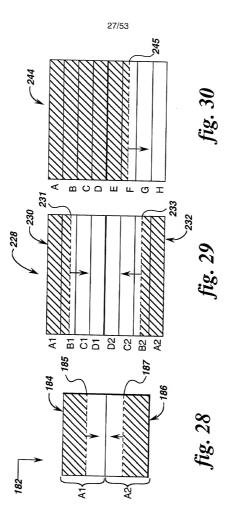
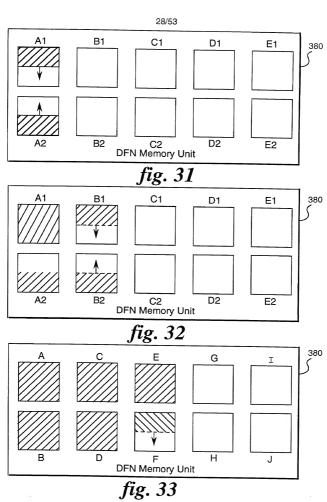


fig. 27





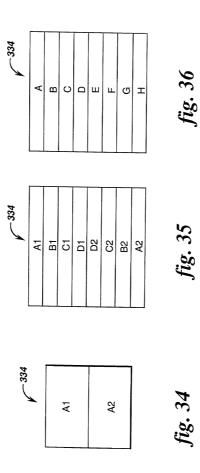
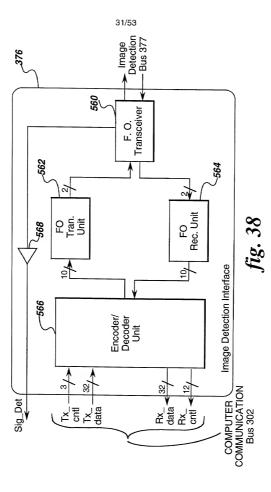


fig. 37



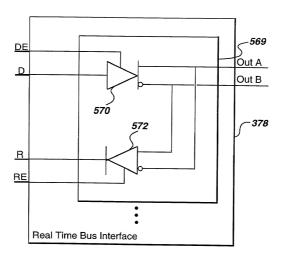
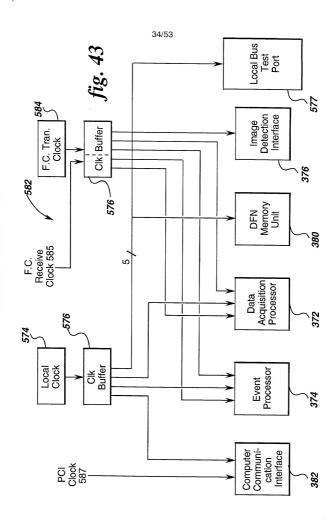
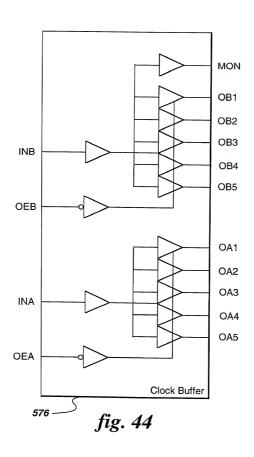
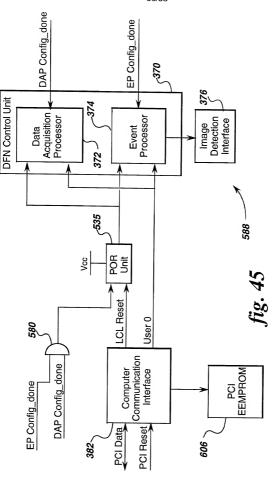


fig. 42







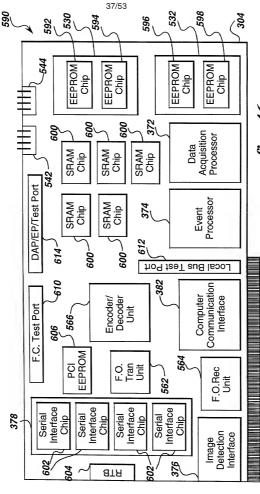
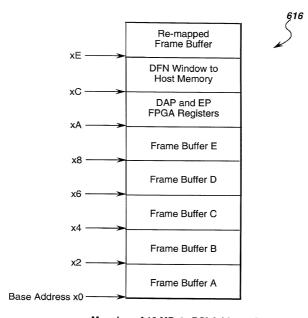
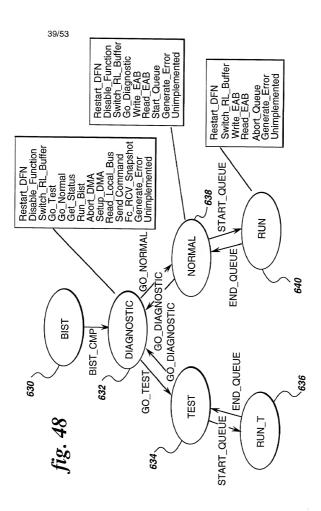


fig. 46



Mapping of 16 MByte PCI Address Space

fig. 47



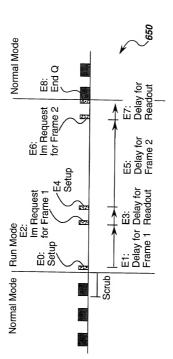
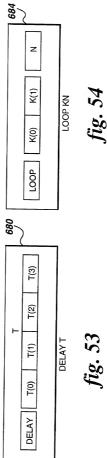


fig. 49

Event Mnemonic	Event	90	Data	Total	
	(showing size of arguments)	Code (hex)	(bytes)		099
Endq	Endq	14	0	-	¥
Delay (T)	Delay (0xff ff ff ff)	10	4	5	
Send (command, value)	Send (0xff ff ff ff, 0xff ff ff ff)	04	80	6	£. 7.
LoopKN (K, N)	LoopKN (0xff ff, 0xff)	20	3	4	168.00
LoopKF (K, F)	LoopKF (0xff ff, 0xff ff ff)	OD	5	9	
Wait (F)	Wait (0xff ff, ff)	60	3	4	
Flag (F)	Flag (0xff ff, ff)	80	ဗ	4	

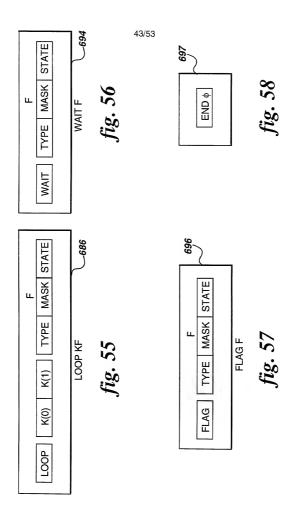
929 fig. 51 HDR1(0) HDR1(1) HDR1(2) HDR1(3) HDR2(0) HDR2(1) HDR2(2) HDR2(3) 25 SEND SI SEND

1					Ý	(9/2		fig. 52	0 - 6	
	Description of Error	Timeout Expired With No ACK Detected	ACK Did Not Match Transmitted Command	Unexpected ACK Received	New Send Event While Waiting for ACK From Previous Send	No Input Signal Power on Fibre Channel (Cable Disconnected?)	Fibre Channel Receiver Detected Bad Data (Defective Chipset?)	Fibre Channel Data Link Unsynchronized	Bad Received CRC Detected (Fiber-optic Cable Problem?)	CRXS(3) & CRXS(2) Bad Order in Link State Machine (Defective Chipset?)
	Error Mnemonic	FC_TIMEOUT	FC_BAD_ACK	FC_EXTRA_ACK	FC_EXTRA_CMD	SIG_DETN	RXERROR	WRDSYNCN	CRXS(1)	CRXS(3) & CRXS(2)



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fig. 54



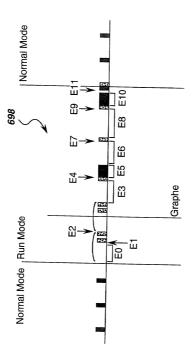


fig. 59

E11	EndQ				
E10	Delay 125 ms				
E9	Send Im Request				
E8	Delay 500 ms				
E7	Flag RT2				
E6	Delay 50 ms				
E5	Delay 125 ms				
E4	Send Im Request				
E3	Delay 300 ms				
E2	Loop 2, RT1				
E1	Send Scrub				
E0	Delay 300 ms				
	EVENT QUEUE				

5

fig. 60

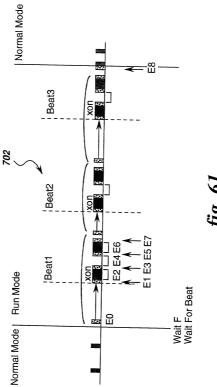
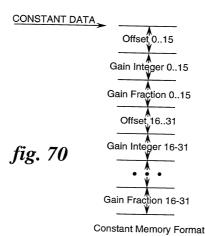


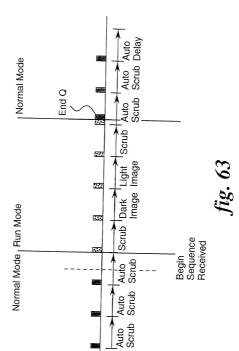
fig. 61

	47/33	
	EndQ	
E7	LoopKF, HF1	
E6	Delay 23 ms	704
E5	Send Im Request	5
E4	Delay 10 ms	
E 3	Flag RT2	
E2	Delay 23 ms	
E1	Send Scrub Request	
E0	Wait RT1	fig. 62

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EVENT QUEUE



call frame with qv's frame_type1(NULL, \%qv1, 1); # define qv defaults: %qv1 =('delay_qv' => 5000); sequence_begin (); sequence_end();

fig. 64

compile_init (@_,\%qp, \%qv, \$QVf); $%qv = ('delay_qv' = > [10000]);$ %qp = (); Delay('Delay_qv1'); \$QVf = 'frame'; compile_finit (); sub frame

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fig. 65

// num bytes to write // variable name // developer info // new value pDFN->DFNChangeQueueVariable (ULONG *) & Debug

(char *) SymName,

(char *) sndBuf,

BufSize

fig. 66

```
compile_init (@_,\%qp, \%qv, $HFfrm);
                                                                                                                                                                                                                                              ^{\circ} simage_cmd = [0x800000,0x0];
                                                                                                                                                                                                 %qv = ('delay_qv' = > [20000]);
%qp = ( );
                                                                                                                                                                     $HFfrm = 'frame_type1';
                                                                                                                                                                                                                                                                                               Send ($image_cmd);
                                                                                                                                  sub frame_type1
                                                                                                                                                                                                                           // num bytes to write
                                                                                                                                                                             // variable name
                                                                                                                                                                                                                                                   // developer info
                                                                                                                                                                                                      // new value
               pDFNBeginSequenceNoMappingNoLog
                                                                                                   // change the queue variable pDFN->DFNChange QueueVariable
// load and run the event sequence
                                                       // assign data to be passed
                                  (snum, "d:\\HF.bin");
                                                                                                                                                                                                                  (ULONG) sizeof sndBuf
                                                                                                                                                                                                                                         (ULONG *) & debug
                                                                                                                                                                   (char *) SymName,
                                                                         sndBuť = 25000;
                                                                                                                                                                                           (char *) sndBuf,
```

fig. 67

fig. 68

LoopKF(2, 0xAAFF01);

compile_finit();

Delay('delay_qv');

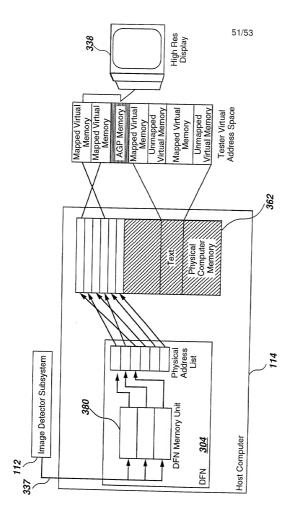
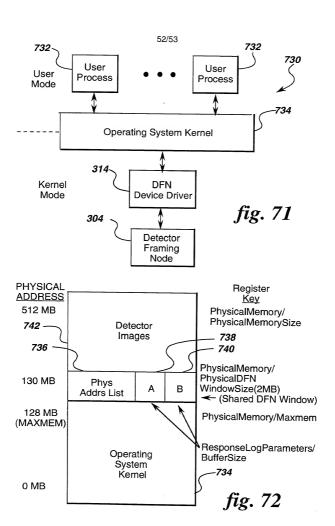


fig. 69



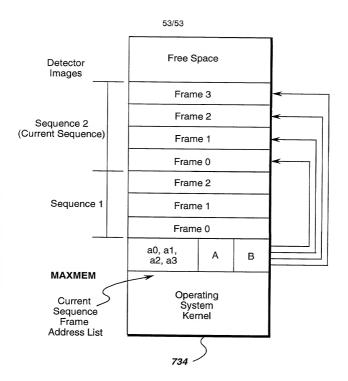


fig. 73